

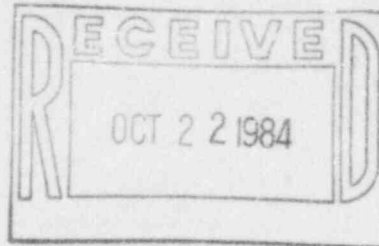


KANSAS GAS AND ELECTRIC COMPANY

GLENN L KOESTER
VICE PRESIDENT - NUCLEAR

October 17, 1984

Mr. D.R. Hunter, Chief
Reactor Project Branch 2
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011



KMLNRC 84-185

Re: Docket No. STN 50-482

- Ref: 1) Interim Report KMLNRC 83-095 dated 7/20/83 from
GLKoester, KG&E, to WCSeidle, NRC
2) Interim Report KMLNRC 83-125 dated 9/28/83 from
GLKoester, KG&E, to WCSeidle, NRC
3) Interim Report KMLNRC 83-151, dated 11/23/83
from GLKoester, KG&E, to JEGagliardo, NRC

Subj: Final 10CFR50.55(e) Report - Vulkene Supreme Cable
Terminations

Dear Mr. Hunter:

This letter provides the final report submitted pursuant to 10CFR50.55(e) concerning Vulkene Supreme Cable terminations at the Wolf Creek Generating Station (WCGS). This matter was initially reported by Kansas Gas and Electric Company (KG&E) on June 20, 1983, and additional information was provided in the References. Any changes in status subsequent to Reference 3) were reported in monthly updates to Region IV.

As documented in Reference 1), the concern reported was that the tight, nearly-invisible wrapping on Vulkene Supreme Cable was not adequately removed in all instances when making cable terminations in the field. Consequently, some equipment was not passing initial continuity, megger, or operational checks. The majority of the Constructor-installed Vulkene cable had been installed as a result of a required field change.

Investigation of this concern determined that there was nothing wrong with the cable itself. The deficient terminations were the result of inadequate removal of the nearly-invisible wrapping. This wrapping was not being removed by the stripping tool and since it was nearly invisible, some of the terminations were made with some of the wrapping still on the conductor. Therefore, the wrapping acted as an insulator between the conductor and lug.

Although continuity, megger, and/or preoperational checks would identify deficient connections, KG&E elected to have the Constructor-installed Vulkene

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Mr. D.R. Hunter
KMLNRC 84-185

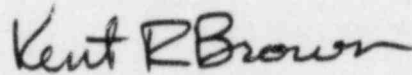
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October 17, 1985

Supreme Cable replaced with an acceptable replacement cable that does not have the tight, nearly-invisible wrapping. This would minimize the potential for similar problems in the future if rework needed to be performed on those cable terminations.

The cable replacement described above has now been completed. Please contact me or Mr. Otto Maynard of my staff if you have any questions concerning this subject.

Yours very truly,



for Glenn L. Koester
Vice President - Nuclear

GLK:bb

xc:RCDeYoung
PO'Connor (2)
HBundy